

**AGENDA:** April 27, 2004

**4.1**

**CATEGORY:** Consent

**DEPT.:** Public Works

**TITLE:** 2003-04 Miscellaneous Water and Sewer Main Replacement, Projects 04-22 and 04-23—Design Services Contract

### **RECOMMENDATION**

Authorize the City Manager to execute a standard design services agreement with Nolte Associates, Inc. of San Jose in an amount not to exceed \$214,100 to provide civil engineering services to design and prepare construction documents for the 2003-04 Miscellaneous Water and Sewer Main Replacement, Projects 04-22 and 04-23.

### **FISCAL IMPACT**

The 2003-04 Miscellaneous Water Main/Service Line Replacement, Project 04-23, and the 2003-04 Miscellaneous Storm/Sanitary Sewer Main Replacement, Project 04-22, are approved projects in the 2003-04 Capital Improvement Program funded respectively from the Water Fund (\$1,255,000) and the Wastewater Fund (\$1,216,000). The \$214,100 not-to-exceed contract includes \$193,000 for basic services, \$1,100 for reimbursables and a \$20,000 contingency for additional services. The approved budgets for the two utility projects will cover the cost for the design services and construction oversight.

### **BACKGROUND AND ANALYSIS**

The 2003-04 Miscellaneous Water Main/Service Line Replacement, Project 04-23, and the 2003-04 Miscellaneous Storm/Sanitary Sewer Main Replacement, Project 04-22, are annual infrastructure maintenance projects to rehabilitate or replace substandard or end-of-service-life utility mains City-wide based on age, failure history, material, size and hydraulic considerations. Because some of the water and sewer main replacements are on the same street, the two projects are being combined and will be constructed under one construction contract. The scope of the project calls for replacing approximately 5,700' of water main and 6,200' of sewer main on sections of streets shown on Attachment 1.

The 2003-04 Miscellaneous Water and Sewer Main Replacement, Projects 04-22 and 04-23, include upsizing and replacing two sewer laterals on El Camino Real at 939 and 1045 El Camino Real West which require a greater level of detail and coordination with Caltrans. Nolte Associates has been preapproved as a qualified engineering firm to provide design services for annual utility replacement projects and has an excellent track record of working with the City. Staff recommends contracting with Nolte Associates to design and

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prepare construction documents for the 2003-04 Miscellaneous Water and Sewer Main Replacement, Projects 04-22 and 04-23, to ensure timely delivery of the projects. Nolte Associates' fee for design services is in line with fees paid for similar services on utility main replacement projects in prior years and is about 11 percent of the estimated construction costs.

**PUBLIC NOTICING**—Agenda posting.

Prepared by:

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SC/6/CAM  
910-04-27-04M^

Attachment: 1. Summary of Water and Sewer Main Replacements

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